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FOV-011

ABSTRACT OF THE DISCLOSURE

An active pixel sensor disposed on a semiconductor substrate includes a photosensor, a reset transistor, a plurality of storage nodes and outputting means. The photosensor has a first terminal and a second terminal, wherein the first terminal is

5 coupled to a first reference potential. The reset transistor has a first terminal coupled to the second terminal of said photosensor, a second terminal coupled to a reset potential, and a third terminal coupled to a reset line. The plurality of storage nodes are coupled to said second terminal of said photosensor, and the means for outputting a value from any of said plurality of storage nodes is coupled to the storage nodes .

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